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e:mail: intrprop@ssmp.com

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To:	Examiner J.A. Garcia Group Art Unit: 2823	From:	Leslie S. Szivos, Ph.D.
Fax:	703-872-9306	Pages:	11 including cover
Phone:	Date: 5/9/2005		
Re:	Cyril Cabral, Jr., et al. U.S. Patent Appln. No. 10/643,534 Our Docket: YOR920030194US1 (16695)	CC:	

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1. Amendment Transmittal in duplicate
2. Response under 37 CFR 1.111
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Applicant(s): Cyril Cabral, Jr., et al.

Docket No.

Y0R920030194US1 (16695)

Application No.
10/643,534Filing Date
8/19/2003Examiner
J.A. GarciaGroup Art Unit
2823

Invention: ATOMIC LAYER DEPOSITION OF METALLIC CONTACTS, GATES AND DIFFUSION BARRIERS

I hereby certify that this

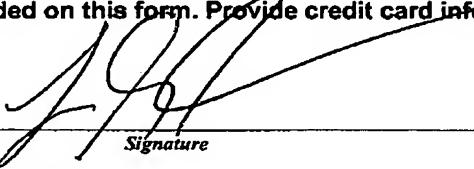
RESPONSE UNDER 37 CFR 1.111*(Identify type of correspondence)*

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on May 9, 2005*(Date)*Leslie S. Szivos, Ph.D. Registration No. 39,394
*(Typed or Printed Name of Person Signing Certificate)**(Signature)*

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P18/REV02

AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Cyril Cabral Jr., et al.				Docket No. YOR920030194US1 (16695)	
Application No. 10/643,534	Filing Date 8/19/2003	Examiner J.A. Garcia	Customer No. 23389	Group Art Unit 2823	Confirmation No. 4259
Invention: ATOMIC LAYER DEPOSITION OF METALLIC CONTACTS, GATES AND DIFFUSION BARRIERS					
COMMISSIONER FOR PATENTS:					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	26	30 =	0	x \$50.00	\$0.00
INDEP. CLAIMS	3	3 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____</p> <p><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM</p> <p><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</p> <p><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038.</p>					
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Dated: May 9, 2005					
<p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</p> <p>(Date) _____</p> <p>_____ <i>Signature of Person Mailing Correspondence</i></p> <p>_____ <i>Typed or Printed Name of Person Mailing Correspondence</i></p>					
cc: _____					

AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Cyril Cabral Jr., et al.				Docket No. Y0R920030194US1 (16695)	
Application No. 10/643,534	Filing Date 8/19/2003	Examiner J.A. Garcia	Customer No. 23389	Group Art Unit 2823	Confirmation No. 4259
Invention: ATOMIC LAYER DEPOSITION OF METALLIC CONTACTS, GATES AND DIFFUSION BARRIERS					
COMMISSIONER FOR PATENTS:					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	26 -	30 =	0	x \$50.00	\$0.00
INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00
<p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____.</p> <p><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM</p> <p><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</p> <p><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038.</p>					
<p>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p><i>[Handwritten signature over the warning text]</i></p>					
<p><i>[Handwritten signature]</i> Signature</p> <p>Dated: May 9, 2005</p>					
<p>Leslie S. Szivos, Ph.D. Registration No. 39, 394</p> <div style="border: 1px solid black; padding: 5px; width: 100%;"> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</p> <p style="text-align: center;">(Date)</p> <p style="text-align: center;"><i>[Handwritten signature]</i> Signature of Person Mailing Correspondence</p> <p style="text-align: center;"><i>[Handwritten signature]</i> Typed or Printed Name of Person Mailing Correspondence</p> </div>					
CC:					

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Cyril Cabral Jr., et al. **Examiner:** J.A. Garcia
Serial No: 10/643,534 **Art Unit:** 2823
Filed: August 19, 2003 **Docket:** YOR920030194US1 (16695)
Dated: May 9, 2005
For: ATOMIC LAYER DEPOSITION OF METALLIC CONTACTS,
GATES AND DIFFUSION BARRIERS

Confirmation No.: 4259

Mail Stop Amendment
Commissioner for Patents
United States Patent Office
Alexandria, VA 23313-1450

RESPONSE UNDER 37 C.F.R. § 1.111

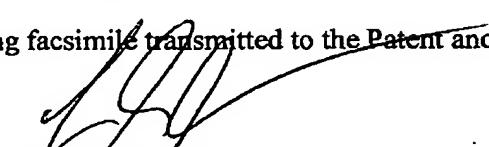
Sir:

In response to the Office Action dated February 9, 2005, applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: May 9, 2005



Leslie S. Szivos, Ph.D.